

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : MONFRE, Stephen
Application No. : 10/824,459
Patent No. : 7,333,843
Issue Date : February 19, 2008
Art Unit : 3768
Confirmation Number : 6605
Examiner : BERHANU, Etsub D.
Title : Apparatus and Method for Easing Use of a
Spectrophotometric Based Non-Invasive
Analyzer
Attorney Docket No. : SENS0021

November 14, 2008

Commissioner for Patents
Office of Patent Publication
ATTN: Certificate of Correction Branch
P.O. Box 1450
Alexandria, VA. 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322

The enclosed Certificate of Correction (PTO/SB/44) for the above-identified patent is submitted under 37 CFR § 1.322.

Applicant, by his attorney, requests the following correction:

Section (63) Related U.S. Application Data

In both occurrences, the word "Continuation" should be changed to
--Continuation-in-part--.

See attached Amendments to the Specification filed on 7/26/2007 for verification that the above information is correct.

The correction does not involve such changes in the patent as would constitute new matter or would require reexamination as set forth in 35 U.S.C. § 254. Therefore, no new matter is provided with this Certificate of Correction.

The Commissioner is hereby authorized to charge the fee set forth in 37 CFR § 1.20(a) and any additional fees due, to Deposit Account 07-1445 (Order No. SENS0021).

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'M. Glenn', with a long, sweeping horizontal stroke extending to the right.

Michael A. Glenn
Reg. No. 30,176

Customer No. 22862

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,333,843

APPLICATION NO.: 10/824,459

ISSUE DATE : February 19, 2008

INVENTOR(S) : Stephen L. Monfre; George Acosta; Thomas B. Blank; and Kevin H. Hazen

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Section (63) Related U.S. Application Data

In both occurrences, the word "Continuation" should be changed to --Continuation-in-part--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

GLENN PATENT GROUP
3475 EDISON WAY, SUITE L
MENLO PARK, CA 94025

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



US007333843B2

(12) **United States Patent**
Monfre et al.

(10) **Patent No.:** **US 7,333,843 B2**

(45) **Date of Patent:** **Feb. 19, 2008**

(54) **APPARATUS AND METHOD FOR EASING
 USE OF A SPECTROPHOTOMETRIC BASED
 NONINVASIVE ANALYZER**

(75) **Inventors:** **Stephen L. Monfre**, Gilbert, AZ (US);
George Acosta, Phoenix, AZ (US);
Thomas B. Blank, Chandler, AZ (US);
Kevin H. Hazen, Gilbert, AZ (US)

(73) **Assignee:** **Sensys Medical, Inc.**, Chandler, AZ
 (US)

(*) **Notice:** Subject to any disclaimer, the term of this
 patent is extended or adjusted under 35
 U.S.C. 154(b) by 683 days.

(21) **Appl. No.:** **10/824,459**

(22) **Filed:** **Apr. 13, 2004**

(65) **Prior Publication Data**

US 2004/0267105 A1 Dec. 30, 2004

Related U.S. Application Data

(63) Continuation of application No. 10/349,573, filed on
 Jan. 22, 2003, now Pat. No. 7,039,446, which is a
 continuation of application No. 10/170,921, filed on
 Jun. 12, 2002, now Pat. No. 7,206,623.

(60) Provisional application No. 60/463,616, filed on Apr.
 16, 2003.

(51) **Int. Cl.**
A61B 5/00 (2006.01)

(52) **U.S. Cl.** 600/344; 600/316

(58) **Field of Classification Search** 600/309,
 600/316, 322, 344

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,596,987 A * 1/1997 Chance 600/310
 5,879,373 A * 3/1999 Roper et al. 600/344
 2002/0055671 A1 * 5/2002 Wu et al. 600/310

* cited by examiner

Primary Examiner—Eleni Mantis-Mercader

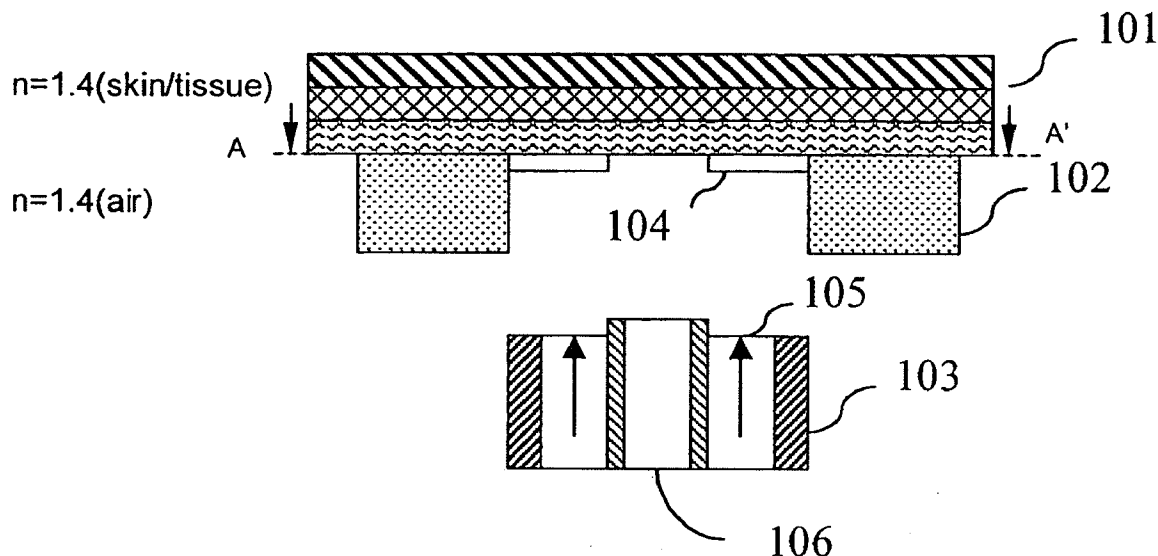
Assistant Examiner—Etsub D Berhanu

(74) *Attorney, Agent, or Firm*—Michael A. Glenn; Glenn
 Patent Group

(57) **ABSTRACT**

A placement guide apparatus with an improved hydration
 inducing plug used in coupling a noninvasive analyzer to a
 sampling site to determine analyte in the human body is
 disclosed. The hydration inducing plug includes at least one
 fluoropolymer that may be used as a coupling agent. The
 guide apparatus may further include an automated or semi-
 automated coupling fluid delivery system. Use of either of
 these couplers mitigates issues associated with related tech-
 nology and enhances noninvasive analyte measurements,
 such as a near-IR diffuse reflectance based noninvasive
 glucose concentration analyzer.

19 Claims, 4 Drawing Sheets



JUL 26 2007

Application Serial No. 10/824,459

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Serial No. : 10/824,459
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5 Art Unit : 3768
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Title : APPARATUS AND METHOD FOR EASING USE
OF A SPECTROPHOTOMETRIC BASED
10 NONINVASIVE ANALYZER
Attorney Docket No. : SENS0021

July 26, 2007

15 MAIL STOP -- AMENDMENT
Commissioner for Patents
PO BOX 1450
Alexandria, VA 22313-1450

20 **AMENDMENT**

Applicant provides an Amendment in response to the Office Action dated April 27, 2007 to the above identified patent application.

25 The application is amended as follows:

- the Specification is amended;
- Claims 21, 26, 28, and 31 are amended; and
- Claim 1-20 and 23 are cancelled from the application.

30 Amendments to the specification begin on sheet #2; a listing of the claims begins on sheet #3 of this paper; and remarks begin on sheet #13.

Application Serial No. 10/824,459

AMENDMENTS TO THE SPECIFICATION

Page 1, lines 4-8:

This application:

5 claims benefit of to the U.S. provisional patent application Serial No. 60/463,616
filed on 46 April 16, 2003; and is related to

is a continuation-in-part of U.S. patent application Serial No. 10/170,921 filed on
42 June 12, 2002 now U.S. patent no. 7,206,623; and

is a continuation-in-part of U.S. patent application Serial No. 10/349,573 filed on
10 22 January 2003 now U.S. patent no. 7,039,446; and US patent No. 6,415,167,

all of which the contents of which are incorporated herein in their entirety by this
reference thereto.